

PTO/SB/01 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**☐ Declaration  
Submitted  
With Initial  
Filing

OR

☐ Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number 0502P66US03

First Named Inventor Kevin Mlazgar

COMPLETE IF KNOWN

Application Number

Filing Date

Art Unit

Examiner Name

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**A Method and Architecture for the Extraction and/or Insertion of SONET or SDH  
Path Overhead Data Streams**

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

(Page 1 of 2)

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/D1 (06-03)

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**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: <b>20779</b>		OR <input type="checkbox"/> Correspondence address below	
Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) <b>Kevin</b>		Family Name or Surname <b>Mlazgar</b>	
Inventor's Signature 		Date <b>2004/01/08</b>	
Residence: City <b>Vancouver</b>	State <b>B.C.</b>	Country <b>Canada</b>	Citizenship <b>Canadian</b>
Mailing Address <b>#3, 1976 W3rd Ave</b>			
City <b>Vancouver</b>	State <b>B.C.</b>	ZIP <b>V6J 1L1</b>	Country <b>Canada</b>
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) <b>Pierre</b>		Family Name or Surname <b>Vaillancourt</b>	
Inventor's Signature 		Date <b>8 Jan 2004</b>	
Residence: City <b>Vancouver</b>	State <b>B. C.</b>	Country <b>Canada</b>	Citizenship <b>Canadian</b>
Mailing Address <b>815 Fairway Drive North</b>			
City <b>NORTH Vancouver</b>	State <b>B.C.</b>	ZIP <b>V7G 1Z5</b>	Country <b>Canada</b>
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the 1 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

(Page 2 of 2)

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PTO/SB/02A (10-00)

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
Supplemental Sheet  
Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Alexandre		Fortin	
Given Name		Family Name or Surname	
Inventor's Signature <i>Alexandre Fortin</i>		Date <i>09/01/2004</i>	
Laval	Quebec	Canada	Canadian
Residence: City	State	Country	Citizenship
4590 Longval, Chomedey			
Mailing Address			
Mailing Address			
Laval	Quebec	H7T 2V7	Canada
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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PTO/SB/81 (05-03)

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**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	
Filing Date	
First Named Inventor	Kevin Miazgar
Title	A Method and Architecture..
Art Unit	
Examiner Name	
Attorney Docket Number	0502P66U803

I hereby appoint:

☒ Practitioners at Customer Number

20779

Place Customer  
Number Bar Code  
Label here

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer Number.Place Customer  
Number Bar Code  
Label here

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	Zip	
Country			
Telephone	Fax		

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Alan Krock Chief Financial Officer		
Signature	<i>Alan Krock</i>		
Date	January 8, 2004	Telephone	604-415-6750

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/96 (04-03)

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: PMC-Sierra, Inc.

Application No./Patent No.: \_\_\_\_\_ Filed/Issue Date: \_\_\_\_\_

Entitled: A Method and Architecture for the Extraction and/or Insertion of SONE...PMC-Sierra, Inc., a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 013724, Frame 0173, or for which a copy thereof is attached.  
2) Reel 014103, Frame 0212

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
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The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

January 8, 2004  
Date

604-415-6750  
Telephone number

Alan Krock

Typed or printed name

[Signature]

Signature

Chief Financial Officer

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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JUNE 11, 2003

PTAS

SHAPIRO COHEN  
P.O. BOX 3440  
OTTAWA, ON K1P 6P1

**\*700033056A\***

\*700033056A\*

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RECORDATION DATE: 06/10/2003

REEL/FRAME: 013724/0173  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MLAZGAR, KEVIN

DOC DATE: 05/13/2003

ASSIGNOR:

VAILLANCOURT, PIERRE

DOC DATE: 05/13/2003

ASSIGNOR:

FORTIN, ALEXANDRE

DOC DATE: 05/13/2003

ASSIGNEE:

PMC-SIERRA INC  
3975 FREEDOM CIRCLE  
SANTA CLARA, CALIFORNIA 95054

SERIAL NUMBER: 60439028  
PATENT NUMBER:

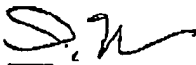
FILING DATE: 01/10/2003  
ISSUE DATE:

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013724/0173 PAGE 2

JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

06/10/2003  
700033056

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Tab settings: <span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> <span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> <span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> <span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> <span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> <span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> <span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> <span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> <span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></span>					
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
<b>1. Name of conveying party(ies):</b> Kevin MLAZGAR Pierre VAILLANCOURT Alexandre FORTIN  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<b>2. Name and address of receiving party(ies)</b> Name: <u>PMC-SIERRA INC</u> Internal Address: _____ _____ _____ Street Address: <u>3975 Freedom Circle</u> _____ _____ City: <u>Santa Clara</u> State: <u>CA</u> Zip: <u>95054</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date: <u>05/13/2003</u>			<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>60/439,028</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b> Name: <u>SHAPIRO COHEN</u> Internal Address: _____ _____ _____ Street Address: <u>P.O. Box 3440</u> _____ _____ City: <u>Ottawa</u> State: <u>ON</u> Zip: <u>K1P 6P1</u>			<b>6. Total number of applications and patents involved:</b> <input type="checkbox"/> <b>7. Total fee (37 CFR 3.41).....\$</b> <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  <b>8. Deposit account number:</b> <u>16-0600</u>		
<b>DO NOT USE THIS SPACE</b>					
<b>9. Signature:</b>  <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 40%;">           Dennis R. Haszko Reg# 39 575            Name of Person Signing         </div> <div style="width: 30%; text-align: center;">             Signature         </div> <div style="width: 20%; text-align: center;"> <u>10 JUN 2003</u>            Date         </div> </div> <div style="text-align: center; margin-top: 5px;">           Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 2px 5px;">6</span> </div>					

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FOR VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, we the undersigned, whose full post office address is listed below my name, do hereby sell, assign and transfer to:

PMC-SIERRA, INC.  
(hereinafter "PMC"), it successors, assigns and legal representatives, whose full post office address is:  
3975 Freedom Circle  
Santa Clara, CA., 95054  
U.S.A.

all their right, title, and interest worldwide in and to the invention relating to

A METHOD AND ARCHITECTURE FOR THE EXTRACTION AND/OR INSERTION OF SONET OR SDH PATH OVERHEAD DATA STREAMS

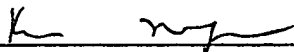
as described in an application for letters patent filed in the United States on January 10, 2003, and given Serial No. 60/439,028

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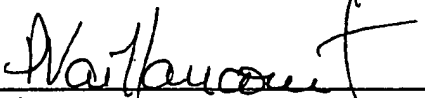
We undertake without charges to PMC but at the request and expense to execute all documents, take all oaths and do all reasonable acts to enable PMC, its successors assigns and legal representatives to procure and maintain patent or any other intellectual property protection for said invention in any and all countries and to vest title thereto to PMC, its successors, assigns and legal representatives.

THE UNDERSIGNED hereby authorizes the firm of Shapiro Cohen whose full post office address is P.O. Box 3440, Station D, Ottawa, Ontario, Canada, K1P 6P12 to correct clerical errors in this Assignment or to insert any further identification or other


information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.


  
Kevin MLAZGAR  
#3, 1976 W3rd Avenue  
Vancouver, BC V6J 1L1  
CANADA

  
Witness Signature

  
Pierre VAILLANCOURT  
815 Fairway Drive North  
Vancouver, BC V7G 1Z5  
CANADA

  
Witness Signature

  
Alexandre FORTIN  
4590 Longval  
Chomedey Laval, QC H7T 2V7  
CANADA

  
Witness Signature

2003/05/05  
(Insert Date)

EMILY CHUNG  
Witness Name (Print)

2003/05/13  
(Insert Date)

JON AMES  
Witness Name (Print)

24 avril 2003  
(Insert Date)

DINO POZZECCHI  
Witness Name (Print)



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
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NOVEMBER 05, 2003

PTAS

SHAPIRO COHEN  
P.O. BOX 3440  
STATION D  
OTTAWA, ON K1P 6P1



\*700051390\*

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RECORDATION DATE: 11/05/2003

REEL/FRAME: 014103/0212  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MLAZGAR, KEVIN

DOC DATE: 10/08/2003

ASSIGNOR:

VAILLANCOURT, PIERRE

DOC DATE: 10/22/2003

ASSIGNOR:

FORTING, ALEXANDRE

DOC DATE: 09/25/2003

ASSIGNEE:

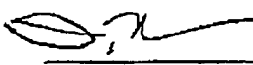
PMC-SIERRA INC.  
3975 FREEDOM CIRCLE  
SANTA CLARA, CALIFORNIA 95054

SERIAL NUMBER: 60490593  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

014103/0212 PAGE 2

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT DIVISION  
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): Kevin Miazgar Pierre Vallancourt Alexandre Forting  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>PMC-SIERRA, INC.</u>  Internal Address: _____  Street Address: <u>3975 Freedom Circle</u>  City: <u>Santa Clara</u> State: <u>CA</u> Zip: <u>95054</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other, _____  Execution Date: <u>Sep 25/03; Oct 8/03; Oct 22/03</u>			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>60/490,593</u> B. Patent No.(s) _____  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
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of SONET or SDH Path Overhead Data Streams**


as described in an application for letters patent filed in the United States on July 29, 2003, and given Serial No. 60/490,539

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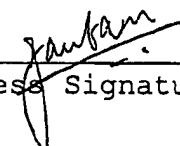
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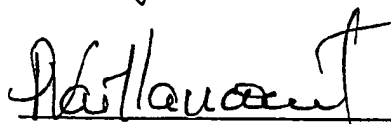
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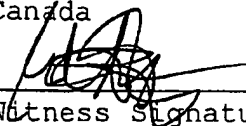
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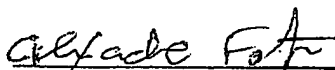
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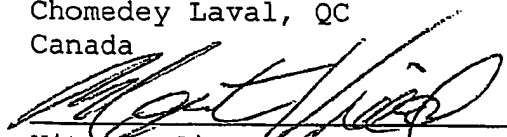
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